

**Installation &  
Implementation  
of the  
Standard Procurement System  
(BCAS Replacement)  
Interface in IWIMS/CEMAS**

**(As of: June 30, 2000)**

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## 1. Overview

### 1.1 Purpose

The purpose of this guide is to assist the Base Civil Engineering (BCE) System Security Administrator (SSA) in updating the necessary records to support the interface with Base Contracting. Records will be validated and updated in the Interim Work Information Management System (IWIMS) administrative records, and the Civil Engineering Material Acquisition System (CEMAS) module.

### 1.2 Background

The Base Contracting office has, for many years, used the Base Contracting Automated System (BCAS) to process and purchase requirements for customers. For the past several years, a new system to replace the BCAS has been in development. The new Standard Procurement System (SPS) is based on a commercially developed contacting system, to be used by all military services. As it was being developed (tweaked) to meet the needs of the Air Force, the requirements to maintain electronic interfaces, was added. We have worked to ensure that the basic business practices, needed by the BCE for material purchases, were included. There are no procedural changes required to support this operation, only a few modifications to File Transfer Protocol (FTP) records.

### 1.3 Exceptions

- a. If your operation is currently being supported through the Prime Vendor (PV) System, **DO NOT**, repeat **DO NOT** continue with any changes. Even though your contracting is migrating to SPS, the current interface software will not support using PV, and BCAS/SPS simultaneously. To verify if you are currently PV active, look at the CEMAS Variable File screen, and if your DLA Prime Vendor switch is 'Y', then no actions are required. Refer to paragraph 3 for reviewing the CEMAS Variable File.
- b. For Contractor Operated Civil Engineering Supply Store (COCESS), and bases where all purchases are made through the International Merchants Purchase Authorization Card (IMPAC), no update may be needed. To verify if actions are required, look at the CEMAS Variable File screen, and if your BCAS Interface Active switch is 'N', then no actions are required. Refer to paragraph 3 for reviewing the CEMAS Variable File.

## 2. Coordination

In advance of activating the interface, some coordination's must take place.

### 2.1 Information needed by IWIMS

The following is information required to update IWIMS administration records.

- a. Internet Protocol (IP) address, and domain name for the SPS system. This is the address of system that we are sending our files to, and receiving files from.
- b. The specific file location on the SPS system for our files. This is the location set by the SPS administrators, for incoming files. There are two (2) different locations required.

- 1) The first is for the daily transactions files that show up on SPS, with a file name of AUTOCUSx. ('x' is a character that designates the hour.)
- 2) The second is for the as required reconciliation file, with the name of RECON.

A common example of a location is: spsi/incoming/wims/.

- c. A user account and password, that will be used by the IWIMS FTP processes, to place incoming files on the SPS system.

## 2.2 Information needed by SPS

The following is information required to update the SPS interface information.

- a. The domain name of the IWIMS system that supports the base. Example: base.wims.gunter.af.mil. Even though you know your IP address, it is better to provide the domain name. This way, if HQ SSG needs to move your database to a new platform, the files will still be delivered.
- b. The location, on your system, to put the incoming file from SPS. The location should be, **without exception**, placed at: wims/vols/XXXXXX/MBCASLIB. The location is **case sensitive**, and where XXXXXX is, place your primary data volume. For program purposes, this is the same volume that you will find the MLOGDATA library.
- c. The default user account and password, used to FTP files to our system from other government agencies. The user account will be (X)ZY. Where X is, place the IVAR key for your database. This is also the first position of every user account loaded on your system. If you do not know the password for this account, contact us through the HQ SSG/Field Assistance Branch (FAB).

## 2.3 Information needed by HQ SSG

- a. Once you have obtained the IP address and domain name for the SPS system, contact us through the FAB. This will allow us to update the host allow tables, which allows the incoming file to transfer.
- b. At the time you contact us above, please also have the old IP address for the BCAS system. This will allow us to remove it from the host allow table, when no longer needed.

## 2.4 Transfer times

During the time the contracting systems are down for the rollover and conversion, it would be wise to suspend transfer attempts to contracting. (It is also a good time to negotiate when transfers will be accomplished with the new SPS.) To update transfer times, run the current BCAS Interface program MSYSUD/MLOGOBJ stand alone, or from a menu. Use PF9 (modify) to update all current transfer times to 0000. During the contracting down time, continue to run the BCAS background task. This will continue to prepare transactions to be sent during the next interface. However, no attempts to transfer will be made, by the system, until times are re-added.

CEMAS-BCAS Interface Information																			
Enter times (24hr format) for communication with BCAS																			
1	0000	2	0000	3	0000	4	0000	5	0000	6	0000	7	0000	8	0000	9	0000	10	0000
BACKGROUND STATUS				Y	TRANSMIT/RECEIVE				B	LAST COMM TIME				1301					
Restart =				Y	TO/FROM BCAS =				B	LAST COMM DATE				178					
Suspend =				S	TO/FROM HOST =				H	COMM CONTROL #				6880					
DIAGNOSTIC FLAG				N	CE BUY 1RA TO BCAS N														
UPDATE FTP RECORD!																			
										HOST'S SITES									
SITE'S VAR PR CONSTANT				1					2					3					4
SITE'S SYSTEM NAME										OFFUTT									
SITE'S VOLUME NAME										CEOFFU									
PF1 Start Immed Xfer					PF6 Site FTP Screen					PF9 Modify					PF10 Update 1RA				
PF17 Stop Immed Xfer					PF7 Change Background Status					PF16 EXIT									

## BCAS Interface Information Screen

### 3. CEMAS

Some actions listed above may require you to review your CEMAS configuration. This is accomplished through the CEMAS Variable File Updater. This may be accomplished by running MVARUD/MLOGOBJ, or through the CEMAS menu system. Once in the program, use PF9 to review variables. Key data elements needed to run the interface properly:

- PO Document Nbr Constant. This should be the Stock Record Account Number (SRAN) assigned to the BCE. This account number should start with FC, followed by the bases account number. If you are unsure yours is correct, please contract us through the FAB.
- BCAS Activity Nbr Constant. The first six character of this number, is an account number for your contracting office. All purchase order numbers are preceded with this account. You can validate this number with them. The last two positions represent the current fiscal year. In the example below, '00' represents 2000.
- BCAS Interface Active (switch). A 'Y' (yes) indicates that your system is set up to interface, and an 'N' (no) indicates you are not. If the switch is No, you have no required actions. See paragraph 1.3 Exceptions.
- DLA Prime Vendor Switch. A 'Y' (yes) indicates that your system is set up for PV interface, and an 'N' (no) indicates you are not. If the switch is Yes, you have no required actions. See paragraph 1.3 Exceptions.

BASE VARIABLES UPDATE				( COV 08.04 )
Installation Code	SGBP	SBSS Doc Serial Block	1211	
Control Center	A	Next SBSS Serial	1211	
Store Stock Org Code	913	LP DOC Serial Block	0001	
<b>PO Document Nbr Constant</b>	<b>FC4600</b>	Next LP Serial	0001	
<b>BCAS Activity Nbr Constant</b>	<b>F2560000</b>	Last CSL Number Used	AB988N	
CEMAS EEIC	61930	NOUN Control Installation		
Accounting ADSN	525700			
System Designator	01	<b>BCAS Interface Active</b>		<b>Y</b>
XX4480 BAC/BPAC	01	RDD Buy		N
Delivery destination	P19	Contracting Supports Multi CEMAS		N
IMPAC Transaction Limit	\$ 2500.00	COCESS		N
SRAN Numbers 4600		GOCESS		Y
		IMPAC/CE Local Buy		Y
		BPA Buy		N
Retain EOS products for 15 days.		Partial COCESS		N
		Print Online BCAS Abstract		N
INVENTORY: # Store: 00		CEMAS Operations Only		N
# Residue: 00		Automatic Store Transfers		Y
# Holding: 00		CEMAS BARCODE		N
		<b>DLA Prime Vendor</b>		<b>N</b>
PF9 - UPDATE	PF10 - UPDATE	INVENTORY	PF16 - EXIT	

CEMAS Base Variable Update Screen

#### 4. IWIMS / FTP

When you have obtained, and verified all the information above, you will need to update the IWIMS FTP records for Base Contracting.

##### 4.1 BCAS

The BCAS interface program, to determine where to send and place files, at the time set for the background, uses the BCAS FTP record. To access this record, run the IVARUD, from the SSA Menu, PF12 for Automated File Transfer Info. Locate the File Title 'BCAS', and enter on it to display complete record. Make the following changes:

- a. Fgn System Type. Change from W (Wang) to O (Other).
- c. Fgn Domain. Input the foreign domain, or IP address, from paragraph 2.1 a.
- d. Fgn Path. Input the location of the file to be placed on the SPS system, from paragraph 2.1 b. 1).
- e. User ID and Password. Input the user account and password, from paragraph 2.1 c. When inputting the password, space out any remaining blocks. This will ensure no hidden characters are still present when the record is saved.
- f. E-mail Address. This optional field may be used to notify a single individual when the interface was successful or unsuccessful. We suggest this, for at least the first couple of weeks, to ensure things are working properly. This field is modifiable via the PF17, UpdCtl, function.

## 4.2 RECON

The CEMAS/BCAS Reconciliation (MBCARCON/MLOGOBJ) program uses the RECON FTP record. To access this record, run the IVARUD, from the SSA Menu, PF12 for Automated File Transfer Info. Locate the File Title 'RECON', and enter on it to display complete record. Make the same changes as you made for BCAS, however, use Fgn Path from paragraph 2.1 b. 2).

## 4.3 FTP Screen

Here is an example of the FTP record screen that would be updated above.

File Transfer Protocol (FTP) Updater			
File Information			
Base Code: G	File Title: BCAS	To Us/From Us: F	Scratch: N
Fgn System Type (O=Other, U=Unisys, W=Wang): O			
Fgn Domain: 131.7.119.6		ASCII/BINARY: A	
Fgn Path: spsi/incoming/wims/			
Local File: (Leave blank for variable filenames)			
Local Lib: MBCASLIB			
Local Vol: CEOFFU			
User ID: gen55ftp			
Password: .....			
Account:			
Stat Ind: ST			
Stat Date: 20000626			
Stat Time: 145934			
Control Information			
Enter E-Mail Address to receive mail for successful and unsuccessful transfers			
E-mail Address: .....			
Diagnostics (Y/N): N			
(1)Keys	(2)First	(4)Prev	(5)Next
(9)Modify	(10)Query	(11)Add	(12)Delete
(13)Help	(15)Print	(16)Retrn	(8)Find
(17)UpdCtl	(18)Xfer	(19)AddCtl	(20)FTPLOG
(29)Info	(23)Ckmail	(32)Exit	

Automated File Transfer Protocol Updater

## 5. Interface Test

When all records are setup on both IWIMS and SPS, it is possible to manually test the interface.

### 5.1 Sending a file from IWIMS to SPS

The following steps are to manually send a file from IWIMS/CEMAS.

- From the CEMAS-BCAS Interface screen, see paragraph 2.4, ensure that the Background Status is set to 'Y'. If not, using PF7, Change Background Status, can easily turn it on.
- Use PF1, Start Immed Xfer, to initiate an immediate file transfer.
- You may monitor the transfer actions through the FTP log program. To access the log, run the IVARUD from the SSA menu. Use PF12 for Automated File Transfer Info, and then PF20 for FTPLOG. Locate the log entry for the transfer, and enter on the record. You can use PF13 to refresh record until FTP is complete.

- d. Contact the SPS administrator and see if they received the file. If so, have them schedule the processing (used to call Demand) of the file, and have them transfer you back the results.

## **5.2 Verifying receipt of SPS file**

It is possible to verify that the SPS generated a file, and returned it to you. Please ensure that your background program is still running.

- a. Use your Attention (for VuWin), or standard break character (for other front end programs), to access the Help Processor.
- b. Through Manage Files, locate the BCASHIST library on your primary data volume. This library may contain multiple files. Locate the files that begin with 'B'. These are files from contracting. The remaining of the file name, is the 3 position Julian date, and time. If you locate a file with a date/time combination around the time SPS sent a file, you should be OK. You may want to display this file to ensure they processed the transactions we sent to them.

## **6. Trouble shooting**

If for some reason, all did not go well, and files did not transfer properly, here are some things to look for:

- a. Are there local firewalls that need to be opened, to allow transfers between the two systems. Contact you local network controllers and provide them information they might need to assist.
- b. Problem: We show that file was successfully delivered, however, SPS cannot find it. Verify that the Fgn Path is correct. Ensure that slashes are used, and not backslashes. Ensure that there is a slash after the last folder. (In example provided above, it would be wims/.)
- c. If the transfer to SPS fails, uses the PF21 Pg Dn, button from within the FTP record to give you further clues as to what the problem may be.
- d. If all else fails, please contact us through the FAB.